

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1 | 10/530640 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:24 |
| S2 | 1950 | 438/459,460.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:25 |
| S3 | 184 | 438/68.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:26 |
| S4 | 1812 | 438/369,370,473,506,514.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:26 |
| S5 | 1 | S1 and ((ion\$1 or plasma) near3 implant\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:27 |
| S6 | 437 | S2 and ((ion\$1 or plasma) near3 implant\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:30 |
| S7 | 308 | S6 and ((separat\$3 or dismantl\$3 or detach\$3 or dicing or cut\$3) near5 (substrate or wafer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:30 |
| S8 | 294 | S7 and (heat\$3 or thermal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:07 |
| S9 | 1343 | S4 and ((ion\$1 or plasma) near3 implant\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:30 |

EAST Search History

| | | | | | | |
|-----|--------|--|---|----|-----|------------------|
| S10 | 176 | S9 and ((separat\$3 or dismantl\$3 or detach\$3 or dicing or cut\$3) near5 (substrate or wafer)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:02 |
| S11 | 155 | S10 and (thermal or heat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:41 |
| S12 | 0 | 257/620,795 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:37 |
| S13 | 1019 | 257/620,795.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:37 |
| S14 | 82 | "6020252" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:54 |
| S15 | 2 | ("6020252").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 12:54 |
| S16 | 77 | S8 and epitaxy | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:07 |
| S17 | 3 | S11 and (epitaxy near2 (layer or film)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:42 |
| S18 | 3 | S10 and (epitaxy near2 (layer or film)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:42 |
| S19 | 125914 | (ion\$1 or plasma) near3 implant\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:43 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|-----|------------------|
| S20 | 3073 | S19 and (hydrogen near6 implant\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:43 |
| S21 | 878 | S20 and (epitax\$3 near2 (layer or film)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:44 |
| S22 | 1124 | S20 and ((thermal or heat\$3) near3 treatment) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:44 |
| S23 | 413 | S22 and (epitax\$3 near2 (layer or film)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:53 |
| S24 | 311 | S23 and ((separat\$3 or dismantl\$3 or delaminat\$3 or detach\$3 or cleavag\$3) near4 (wafer or substrate)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:46 |
| S25 | 2436 | S24 and (micro adj cavit\$3) or (micro adj bubble\$1) or (micro adj fissure\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:56 |
| S26 | 8340 | "223" and ((thermal or heat\$3) adj2 treatment) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:54 |
| S27 | 412 | S23 and ((thermal or heat\$3) adj2 treatment) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:54 |
| S28 | 359 | S27 and (epitax\$3 adj2 (layer or film)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:55 |
| S29 | 356 | S28 and (hydrogen near6 (implant\$3 or ion\$1 or species or gas\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 13:56 |

EAST Search History

| | | | | | | |
|-----|-------|--|---|----|-----|------------------|
| S30 | 344 | S29 and implant\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:01 |
| S31 | 211 | S29 and implant\$6.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:01 |
| S32 | 141 | S29 and epitax\$3.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:02 |
| S33 | 178 | S29 and (thermal or heat\$3).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:02 |
| S34 | 72 | S31 and S32 and S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:11 |
| S35 | 47665 | epitax\$3 adj (film or layer) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:12 |
| S36 | 6728 | (epitax\$3 adj (film or layer)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:12 |
| S37 | 6312 | S36 and (epitax\$3 same substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:12 |
| S38 | 5743 | S36 and (epitax\$3 near6 substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:13 |
| S39 | 2607 | S38 and ((ion\$1 or plasma) near3 implant\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:15 |

EAST Search History

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S40 | 842 | S38 and ((ion\$1 or plasma) near3 implant\$6).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 14:15 |
| S41 | 311 | S40 and (heat\$3 or thermal).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:51 |
| S42 | 894 | 257/797.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:25 |
| S43 | 0 | 10/048337 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 15:58 |
| S44 | 1 | 10/985579 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:26 |
| S45 | 6 | ((("6020252") or ("6653217") or ("6537851"))).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:28 |
| S46 | 6728 | (epitax\$3 adj (film or layer)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:51 |
| S47 | 5743 | S46 and (epitax\$3 near6 substrate) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:51 |
| S48 | 842 | S47 and ((ion\$1 or plasma) near3 implant\$6).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:51 |
| S49 | 78 | S48 and smooth\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:52 |

EAST Search History

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S50 | 78 | S49 and epitax\$3.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:52 |
| S51 | 78 | S49 and (epitax\$3 adj (layer or film)). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 19:53 |
| S52 | 24 | S49 and (epitax\$3 same smooth\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:05 |
| S53 | 24 | S48 and (epitax\$3 same smooth\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:05 |
| S54 | 372 | S47 and (epitax\$3 same smooth\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:06 |
| S55 | 372 | S54 and epitax\$3.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:07 |
| S56 | 129 | S55 and ((ion\$1 or plasma) near4 implant\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:07 |
| S57 | 129 | S56 and (smooth\$3.clm. or epitax\$3. clm.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:08 |
| S58 | 65 | S56 and (smooth\$3 near10 epitax\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/17 20:08 |